

Converting Colors

XYZ(53.7686, 42.6546, 17.3974)

Have a look what the booklet for
XYZ(53.7686, 42.6546, 17.3974)
contains.

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Color

**XYZ(53.8191, 42.7379,
17.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9264
RGB	255, 146, 100
RGB Percent	100%, 57%, 39%
CMY	0.0000, 0.4274, 0.6078
CMYK	0.00, 0.43, 0.61, 0.00
HSL	18°, 100%, 70%
HSV	18°, 61%, 100%
XYZ	53.8191, 42.7379, 17.4692
YIQ	173.3470, 79.7300, 8.8020

Conversions

Conversions Part 2

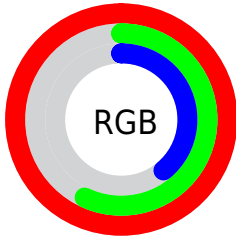
Format	Color
R_{YB}	255, 165, 100
Decimal	16749156
CIE _{Lab}	71.38, 37.03, 41.97
CIE _{LCh}	71, 55.972, 48.581
Yxy	42.7379, 0.4720, 0.3748
Android (android.graphics.Color)	4294939236 (0xFFFF9264)
YUV	173.3470, -36.1601, 71.6097
Hunter-Lab	65.3742, 32.5446, 29.9186

Details

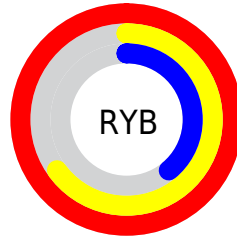
The XYZ color **53.8191, 42.7379, 17.4692** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.1043, 55.5268, 102.8949**, and the grayscale version is **40.0493, 42.1349, 45.8849**.

A 20% lighter version of the original color is **67.7941, 65.3003, 38.7368**, and **26.5926, 19.5819, 5.5101** is the 20% darker color. If you saturate the color by 10%, you get **50.2219, 37.2194, 11.1046**, and if you desaturate by 10%, it is **58.2380, 49.2824, 26.0133**.

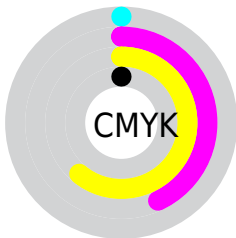
Distribution



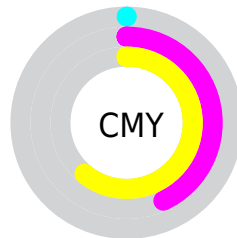
- Red (100%)
- Green (57%)
- Blue (39%)



- Red (100%)
- Yellow (65%)
- Blue (39%)



- Cyan (0%)
- Magenta (43%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8191, 42.7379, 17.4692 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.8191, 42.7379, 17.4692 by changing the saturation by 10% instead.


 53.8191, 42.7379,
17.4692


 53.8191, 42.7379,
17.4692


391.6294,
357.5328, 249.9968

 38.6871, 29.6795,
10.4041


 94.9670, 79.3152,
39.9324


 26.6961, 19.5955,
5.5586


 121.7137,
103.6029, 56.1676

 17.4805, 12.1013,
2.5142


 153.0627,
132.4025, 76.2965

 10.6751, 6.8127,
0.8477

 189.3793,
166.0984, 100.7378

 5.9145, 3.3453,
0.0000

231.0290,
205.0750, 129.9099

 2.8333, 1.3145,
0.0000

278.3770,

 1.0662, 0.1524,

249.7166, 164.2314

0.0000

331.7887,
300.4078, 204.1208

■ 0.0000, 0.0000,
0.0000

■ 53.8191, 42.7379,
17.4692

■ 53.8191, 42.7379,
17.4692

■ 50.2219, 37.2194,
11.1046

■ 58.2380, 49.2824,
26.0133

■ 47.3858, 32.6649,
6.7134

■ 63.5270, 56.8969,
36.9126

■ 45.2452, 29.0153,
4.0530

■ 69.7341, 65.6307,
50.3274

■ 43.8028, 26.3859,
2.7843

■ 76.9025, 75.5281,
66.4030

■ 85.0726, 86.6306,
85.2737

94.2826, 98.9780,
107.0647

95.0497, 99.9999,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.3197, 42.7379, 31.8862



53.8191, 42.7379, 17.4692



44.3132, 42.7379, 11.9609

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.8191, 42.7379, 17.4692



25.3292, 42.7379, 37.0023



46.6697, 42.7379, 115.0458

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.8191, 42.7379, 17.4692



46.1043, 55.5268, 102.8949

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.1400, 42.7379, 118.1393



53.8191, 42.7379, 17.4692



25.7590, 42.7379, 65.0959

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.8191, 42.7379, 17.4692



28.4972, 42.7379, 19.9636



29.7791, 42.7379, 97.2733



55.7721, 42.7379, 89.9734

Rectangle

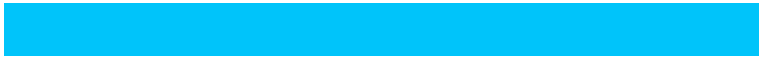
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.8191, 42.7379, 17.4692



37.9783, 42.7379, 11.7815



29.7791, 42.7379, 97.2733



43.3838, 42.7379, 118.9714

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.8201, 42.7401, 17.4700



79.0750, 78.4964, 71.3701



57.5653, 35.0818, 65.4201



16.4397, 16.1379, 14.1659



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.8201, 42.7401, 17.4700



49.5301, 36.1289, 9.9689



69.5066, 74.1130, 22.6988



18.4487, 18.8657, 18.8134



23.0004, 14.0120, 1.4923



2.3297, 1.5447, 0.1754

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.1043, 55.5268, 102.8949



41.0894, 49.6713, 102.0296



31.7733, 26.8648, 98.1179



18.0729, 19.5174, 23.0646



18.0236, 20.9567, 52.5297



1.8501, 2.2310, 5.1464

Previews

White Background



This preview shows how the XYZ color 53.8191, 42.7379, 17.4692 looks on a white background.

Color Contrast Check

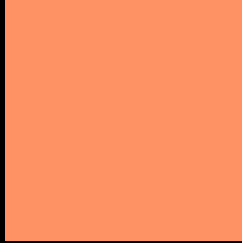
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.8191, 42.7379, 17.4692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8191, 42.7379, 17.4692

Background



This preview shows how black text looks on a background with the XYZ color 53.8191, 42.7379, 17.4692.



This preview shows how white text looks on a background with the XYZ color 53.8191, 42.7379,

17.4692.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.8191, 42.7379, 17.4692

Protanopia

39.6851, 42.8840, 21.2247

Deuteranopia

43.6616, 42.7781, 17.0221



Tritanopia

56.4989, 42.8404, 34.5694

Trichromacy



Original Color

53.8191, 42.7379, 17.4692

Protanomaly

43.6609, 41.9086, 19.6979

Deuteranomaly

46.8689, 42.3174, 17.0071

Tritanomaly

55.2273, 42.5709, 27.1360

Monochromacy



Original Color

53.8191, 42.7379, 17.4692

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.9141, 40.9662, 32.8396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8191, 42.7379, 17.4692 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 146, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 100)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 146, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 100) }
```

Border

The CSS property to change the border of an element to XYZ 53.8191, 42.7379, 17.4692 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 146, 100) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 146, 100) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 146, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8191, 42.7379, 17.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 100) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
146, 100) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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